

lacZ FIGURE 1 (Prior Art)

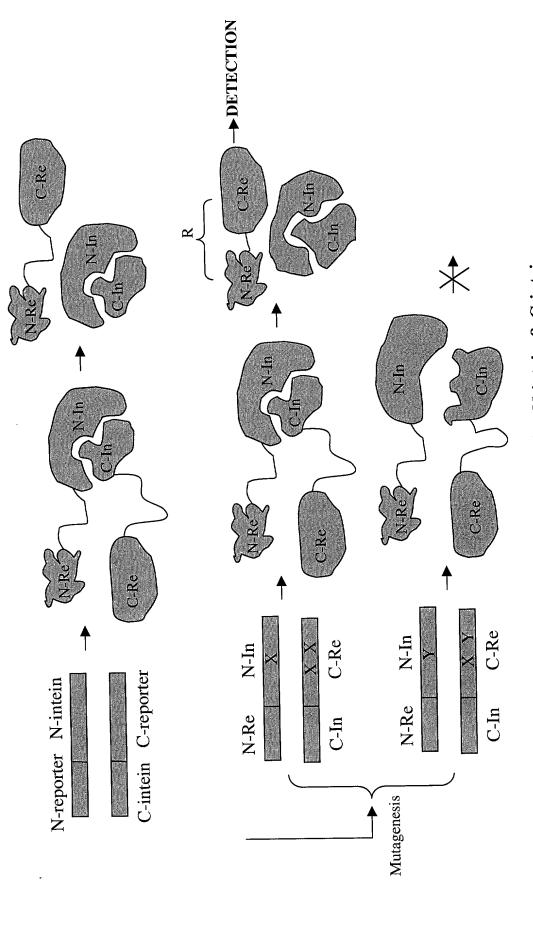
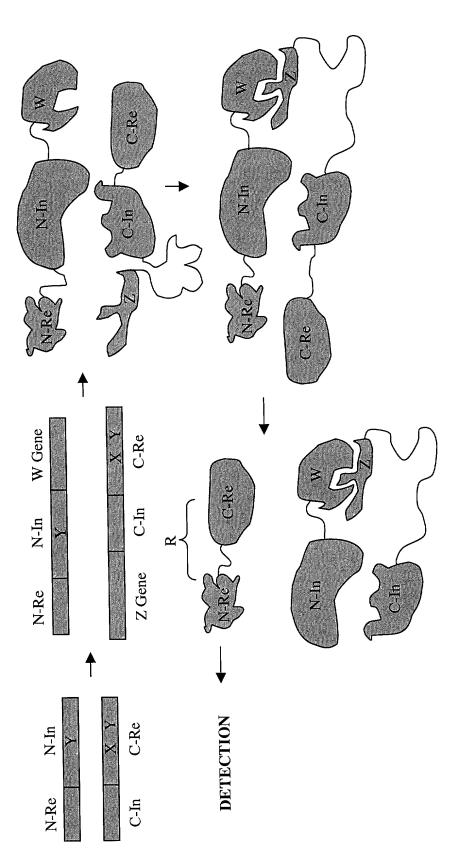


Figure 2A Selecting Non-interacting N-intein & C-intein



Verifying That the Selected Non-interacting N-intein & C-intein Are Capable of Mediating Protein Splicing Figure 2B

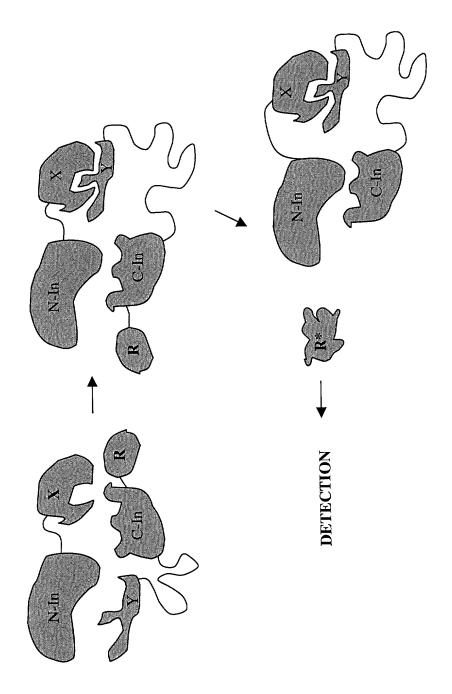


Figure 3A

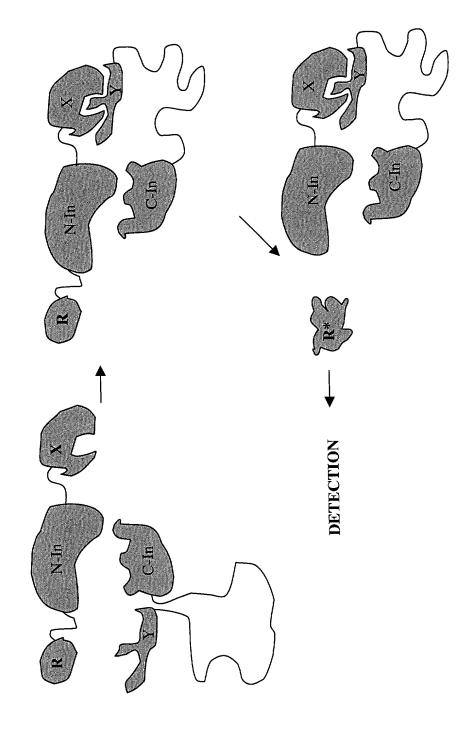


Figure 3B

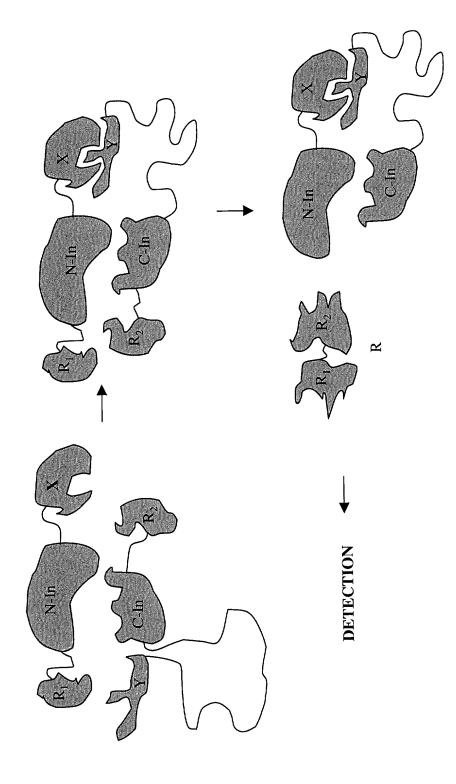


Figure 3C

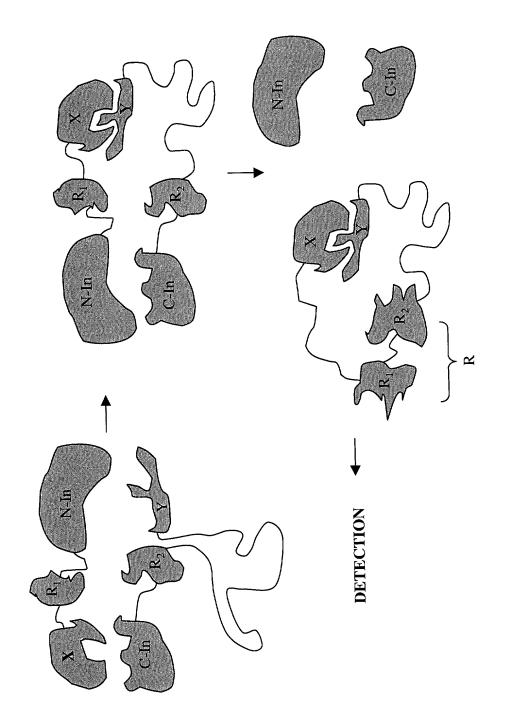


Figure 3D

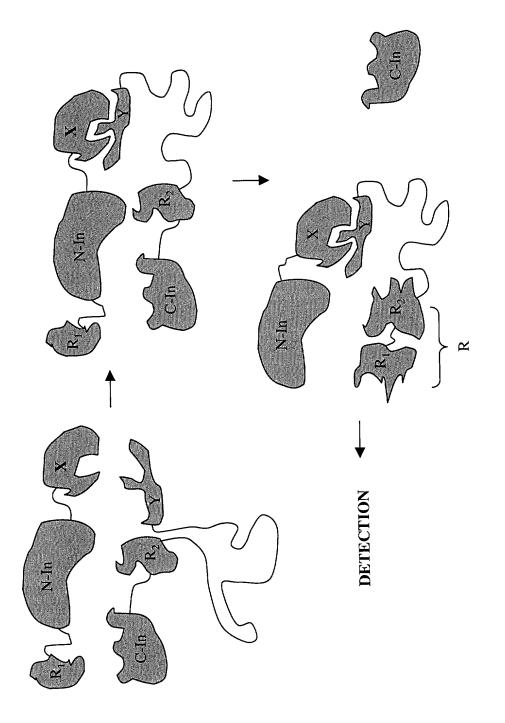


Figure 3E

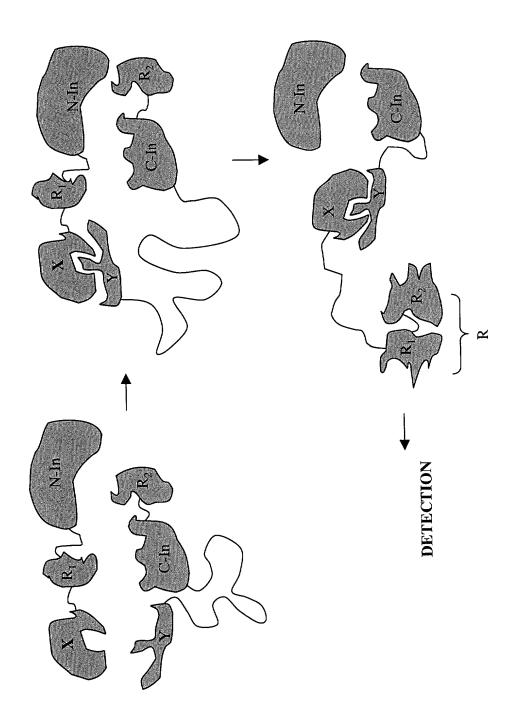


Figure 3F

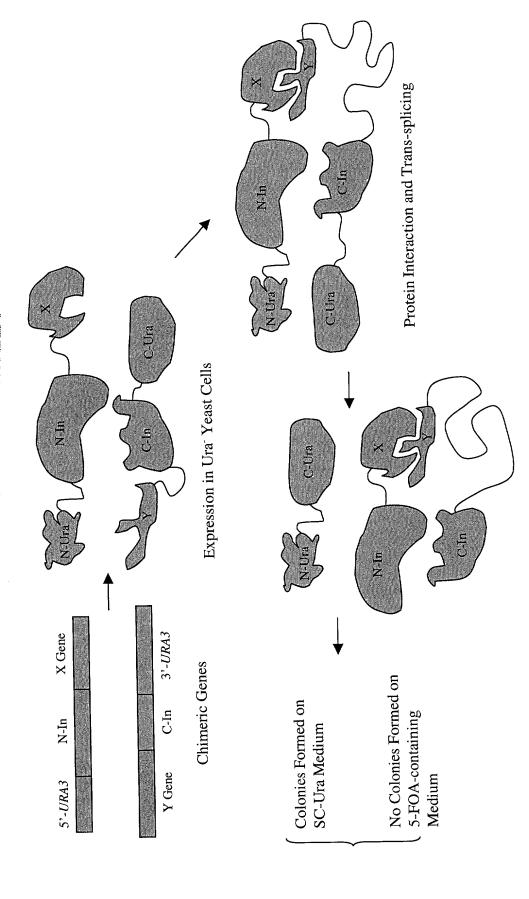


Figure 4

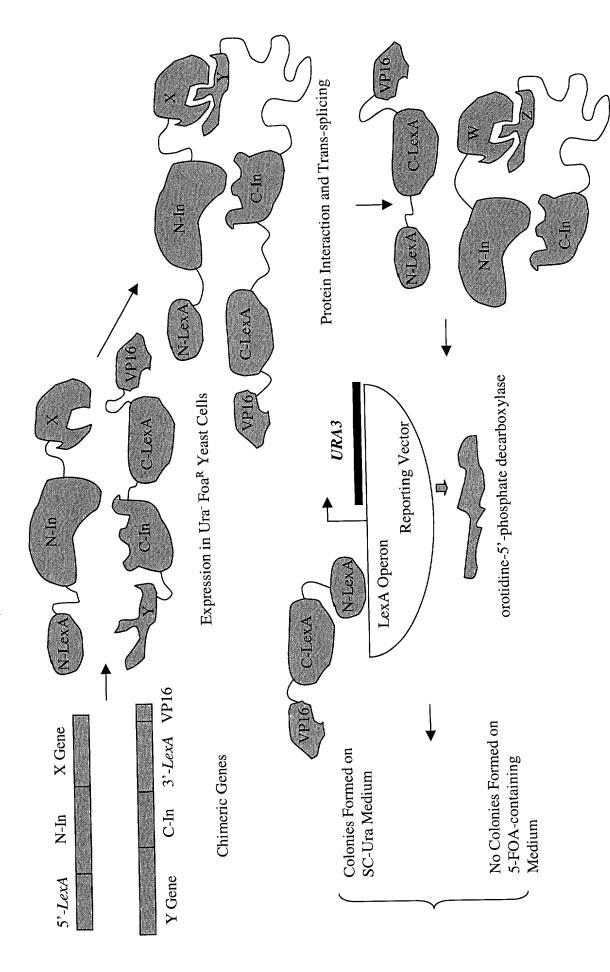


Figure 5

Figure 6 Intein-Based Multi-Hybrid System

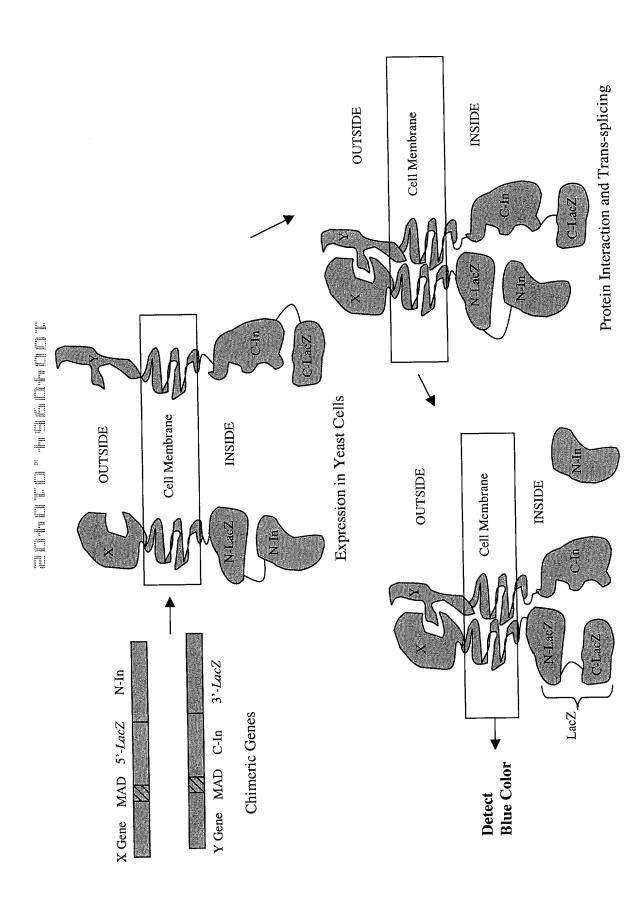


Figure 7 Detecting Extracellular Protein-Protein Interaction

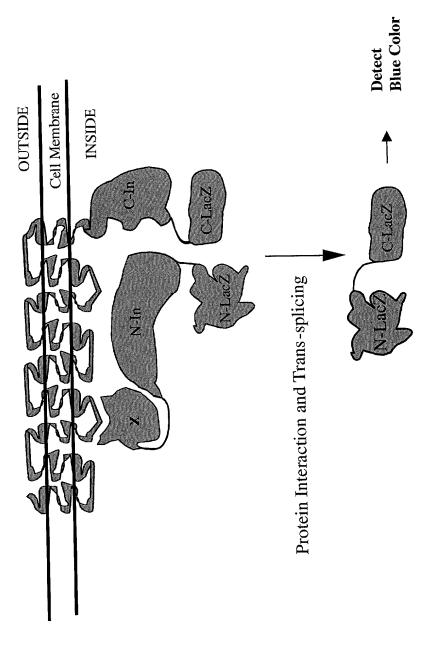
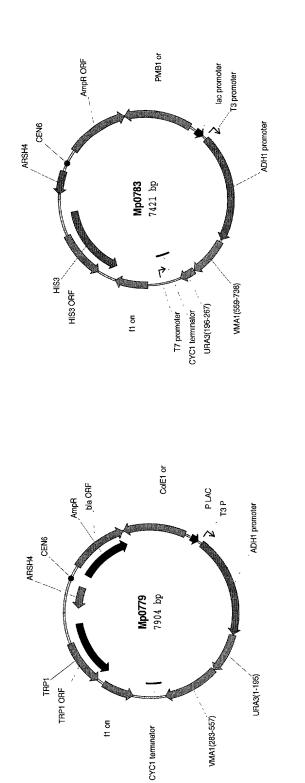
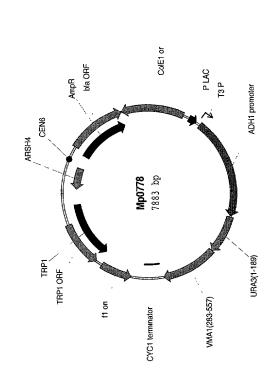


Figure 8 Detecting Interaction between Intracellular and Membrane Proteins





AmpR ORF

HIS3 ORF

CEN6

ARSH4

PMB1 or

Mp0782 7439 bp

f1 on

T7 promoter CYC1 terminator URA3(190-267) T3 promoter

VMA1(559-738)

ADH1 promoter

Figure 9

Vector system: Mp778 / Mp782 Mp779 / Mp783

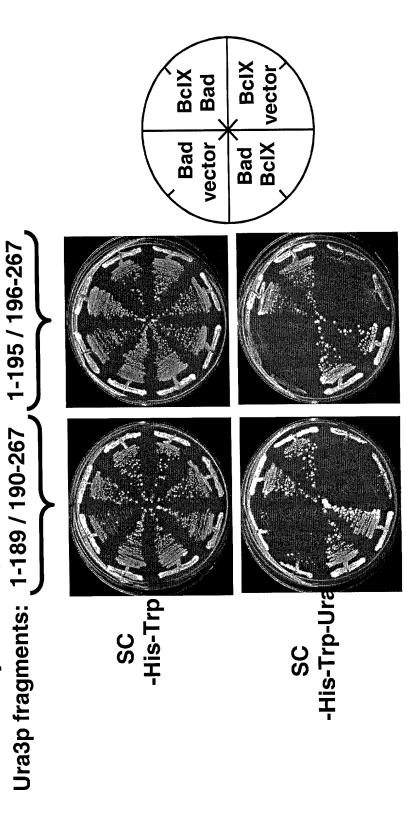
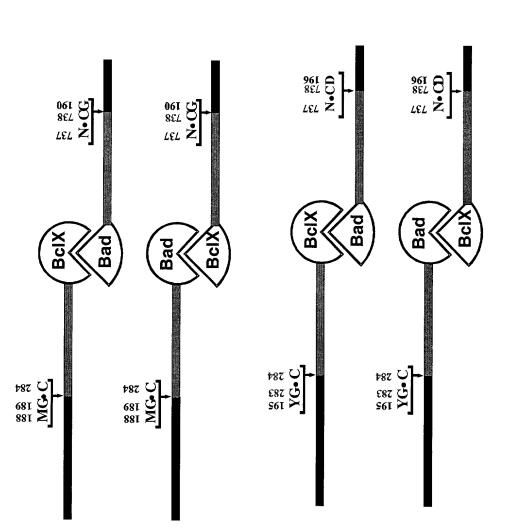


Figure 10



Dark = Ura3p sequence Gray = Vma1p sequence ● = splice site

Figure 11